

LAKE PONTCHARTRAIN, LA AND VICINITY, HURRICANE PROTECTION PROJECT



- **Project Status**
Under construction
Scheduled comp. 2015

- **Project Cost** - \$738M

- **FY05 Allocation:**
\$5.081M

- **FY06 Funding Required:**
\$20 M

- **Project Issues:** Funding constraints will delay completion of closed levee system in St. Charles and the entire project





Project Fact Sheet

U.S. Army Corps of Engineers
New Orleans District, CEMVN-PM-W
P.O. Box 60267
New Orleans, LA 70160-0267

Date: March 2005

Lake Pontchartrain, Louisiana and Vicinity, Hurricane Protection Project

PROJECT AUTHORITY: The project was authorized by the Flood Control Act of 1965 and the Water Resources Development Acts of 1974, 1986, 1990, 1992 and 1996 and 2000.

PROJECT SPONSORS: The Lake Borgne Basin & Levee District, the Orleans Levee District, the East Jefferson Levee District, and the Pontchartrain Levee District are sponsors for the work in St. Bernard, Orleans, Jefferson, St. Charles and St. Tammany Parishes, respectively.

PROJECT LOCATION: The project is located in St. Bernard, Orleans, Jefferson, St. Charles and St. Tammany Parishes in southeast Louisiana, generally in the vicinity of the city of New Orleans, and between the Mississippi River and Lake Pontchartrain.

PROJECT PURPOSE: The project is designed to protect residents between Lake Pontchartrain and the Mississippi River levee from surges in Lake Pontchartrain driven by storms up to the Standard Project Hurricane (SPH).

PROJECT FEATURES: The project includes: a new levee north of U.S. Highway 61 from the Bonnet Carre' Spillway east guide levee to the Jefferson-St. Charles Parish boundary, a floodwall along the Jefferson-St. Charles Parish line, an enlarged levee along the Jefferson Parish Lakefront (including measures to intercept and convey drainage from the land side slope of the levees), an enlarged levee along the Orleans Parish Lakefront, parallel protection (including levees, floodwalls and floodproofed bridges) along the three outfall canals (17th St., Orleans Avenue, and London Avenue) in Orleans Parish, levees and floodwalls along the Inner Harbor Navigation Canal (IHNC) in Orleans Parish, levees and floodwalls along the Orleans Parish Lakefront extending from the New Orleans Lakefront Airport to South Point in New Orleans East, an enlarged levee from South Point to the Gulf Intracoastal Waterway (GIWW), levees and floodwalls along the north bank of the GIWW to the IHNC, and a levee from the IHNC along the south bank of the GIWW and the Mississippi River-Gulf Outlet (MR-GO) to vicinity of Verret and extending to the Mississippi River Levee near Caernarvon. The project also includes replacement of the Mandeville seawall on the north shore of Lake Pontchartrain and a mitigation dike consisting of a segmented breakwater along the Manchac Wildlife Refuge .

PROJECT COSTS:	<u>Total Project</u>
Total Project Cost	\$738,000,000
Total Federal Cost	\$528,000,000
Total Non-Federal Cost	\$210,000,000

PROJECT BUDGET/SCHEDULE: FY 2005 funds of \$5 million are used to continue construction of flood proofing and levees in Orleans and St Charles Parishes and flood proofing in Jefferson Parish. Funds required in FY 2006 are \$20 million. Budget funds of \$2.977 million will be used to complete one contract. An additional \$17 million would be used to pay for and to advance completion of pumping station protection in Orleans Parish, Flood-proofing of bridges in Orleans Parish, and levee enlargements to achieve design elevations in St. Bernard, Orleans, and Jefferson Parishes. Lack of protection at two major pump stations in Orleans Parish could result in catastrophic flooding in the event of a major hurricane.

ISSUES: Funding constraints will delay project construction and has delayed completion of a closed levee system in St. Charles Parish from 2004 to 2005. Overall project completion will be delayed from 2013 to 2015. Six contracts are ready for award but funds are not available in FY 2005 to initiate construction.